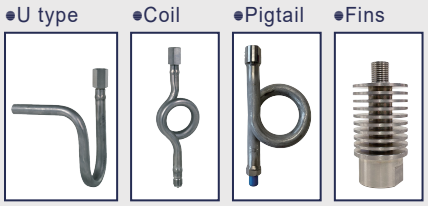
DCbox WIRE TYPE VACUUM / PRESSURE SENSOR DC53

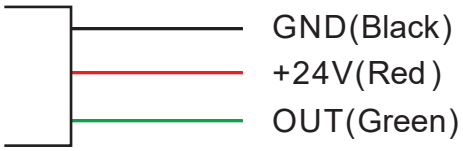
- Accuracy :±0.5%F.S. ;±1%F.S.(-1 ~ 0 bar , 0 ~ 1 bar)
- Measuring range: 10, 100, 250 bar...
- Measuring absolute or gauge pressure
- Standard and custom options available for OEM design
- Robust package, all laser-welded stainless steel design
- Proof pressure range: 3 x Full Scale
- Compact size and excellent price
- Power supply: DC 8~30V; Output: 4~20 mAdc
- Protection:IP65, IP67(optional)



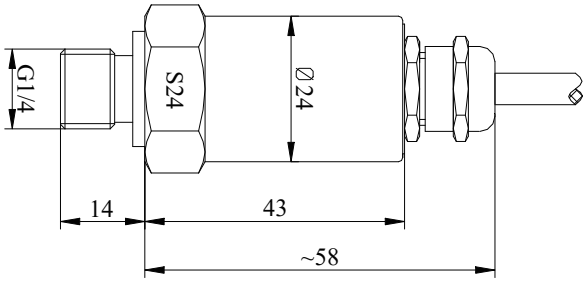
SPECIFICATION

◆ Accuracy:	±0.5% F.S.; ±1% F.S. (-1~0/0~1 bar)
◆ Thermal Error:	<0.5% F.S.
◆ Total Error:	<0.5% F.S.
◆ Stability:	<0.25% F.S. / Year
◆ Zero Pressure Offset:	4 mAdc
◆ Full Scale Output:	20 mAdc
◆ Proof Pressure:	3 x F.S.
◆ Burst Pressure:	Absolute Pressure: 10 x F.S. Gauge Pressure: 5 x F.S.
◆ Pressure Cycles:	8Hz
◆ Response Time:	<1 msec
◆ Vibration:	10~2050Hz, 20 sinusoidal, 3 axes
◆ Thermal Shock:	-40~105 ℃, 0.5hr soaks at Temp.
◆ Temperature Coefficient:	100ppm / ℃ (0~60 ℃)
◆ Operating Temperature:	-20~80 ℃
◆ Operating Humidity:	<95% RH (non-condensing)
◆ Storage Temperature:	-40~105 ℃
◆ Storage Humidity:	<95% RH (non-condensing)
◆ Power Supply:	DC 18~30V (2 wire loop)
◆ EMC Compatibility:	80 MHz ~ 1 GHz
◆ Wetted materials	316L stainless steel
◆ Pressure Connection:	1/4" PT
◆ Protection:	IP65, IP67(optional)

WIRING CONNECTION



DIMENSION (mm)



ORDER INFORMATION

DC53 - Code1 - Code2 - Code3 - Code4 - Code5

Code1	Input Range	Code2	Connection	Code3	Analog Output	Code4	Wire Length	Code5	Protection
N01	-1~0 bar	S	1/4" PT	A	4~20 mA	01	1M	N	IP65
001	0~1 bar	O	Option	O	Option	O	Option	7	IP67
006	0~6 bar								
010	0~10 bar								
016	0~16 bar								
025	0~25 bar								
100	0~100 bar								
250	0~250 bar								
O	Option								